

**IN THE CLAIMS:**

*On page 13 at line 1, please delete “Claims” and insert --What is Claimed is:-- therefor.*

*Please amend the claims as follows:*

1. *(currently amended)* A method for improving a digital image displayed on a display, comprising:
  - determining an instantaneous property of the display;
  - determining a property of the digital image;
  - determining parameters for an image processing method at least partly on the basis of said instantaneous property of the display, and said property of the digital image; and
  - processing the digital image by means of said image processing method, while applying said parameters.
2. *(original)* A method according to claim 1, wherein all measures are repeated at a repetition rate.
3. *(currently amended)* A method according to claim [[1 or]] 2, further comprising:
  - detecting a change in said instantaneous property of the display; and
  - repeating said determining and processing measures when a change is detected.
4. *(currently amended)* A method according to ~~any one of the preceding claims~~ claim 3, wherein said determination of parameters is further based on an operation mode of the display.
5. *(currently amended)* A method according to ~~any one of the preceding claims~~ claim 4, wherein the digital image is adapted to one display out of a group of displays consisting of reflective and transreflective displays.

6. *(currently amended)* A method according to ~~any one of the preceding claims~~ claim 5, wherein said image processing method comprises at least one sub-method chosen from a group of sub-methods consisting of saturation increase, color componentwise histogram stretch, and unsharp masking.
7. *(currently amended)* A mobile device comprising a display unit, an image memory for holding a digital image, and an image improvement unit for improving said digital image displayed on the display unit, said image improvement unit being arranged to process said digital image by means of an image processing method; to determine parameters for said image processing method at least partly on the basis of an instantaneous property of the display, and a property of the digital image.
8. *(currently amended)* A mobile device according to claim 7, with said display being one of a reflective and a transflective display.
9. *(currently amended)* A mobile device according to claim [[7 or]] 8, wherein said image improvement unit is provided in said display unit.
10. *(currently amended)* A mobile device according to ~~anyone of claims 7-9~~ claim 9, wherein said image improvement unit is provided outside of the display unit, and is arranged to communicate therewith.
11. *(currently amended)* A display unit comprising a display, an image memory for holding a digital image, and an image improvement unit for improving said digital image displayed on the display, said image improvement unit being arranged to process said digital image by means of at least one image processing method; to determine parameters for said image processing method at least partly on the basis of an instantaneous property of the display, and a property of the digital image.
12. *(currently amended)* [[Use]] A use of an image processing method comprising at least one sub-method chosen from a group of sub-methods consisting of saturation increase,

color componentwise histogram stretch, and unsharp masking, for improving [[an]] a digital image for display in accordance with ~~anyone of claims 1-5~~ claim 1.

13. *(currently amended)* [[Use]] A use of an image processing method comprising at least one sub-method chosen from a group of sub-methods consisting of saturation increase, color componentwise histogram stretch, and unsharp masking, in a mobile device according to ~~anyone of claim 7-9~~ claim 7.
14. *(new)* A method according to claim 1, further comprising:
  - detecting a change in said instantaneous property of the display; and
  - repeating said determining and processing measures when a change is detected.
15. *(new)* A method according to claim 1, wherein said determination of parameters is further based on an operation mode of the display.
16. *(new)* A method according to claim 1, wherein the digital image is adapted to one display out of a group of displays consisting of reflective and transflective displays.
17. *(new)* A method according to claim 1, wherein said image processing method comprises at least one sub-method chosen from a group of sub-methods consisting of saturation increase, color componentwise histogram stretch, and unsharp masking.
18. *(new)* A mobile device according to claim 7, wherein said image improvement unit is provided in said display unit.
19. *(new)* A mobile device according to claim 7, wherein said image improvement unit is provided outside of the display unit, and is arranged to communicate therewith.